

FIG.1

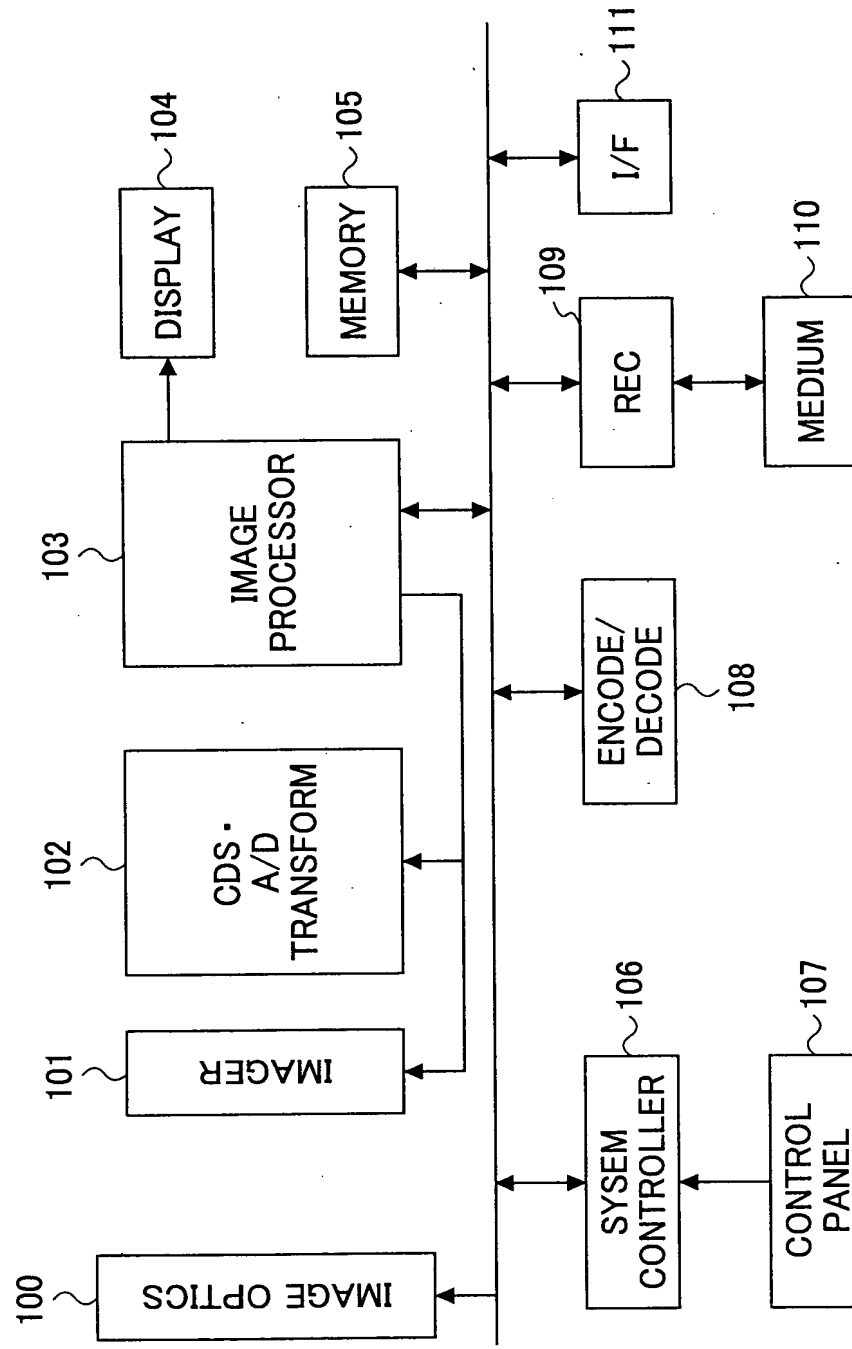


FIG.2A

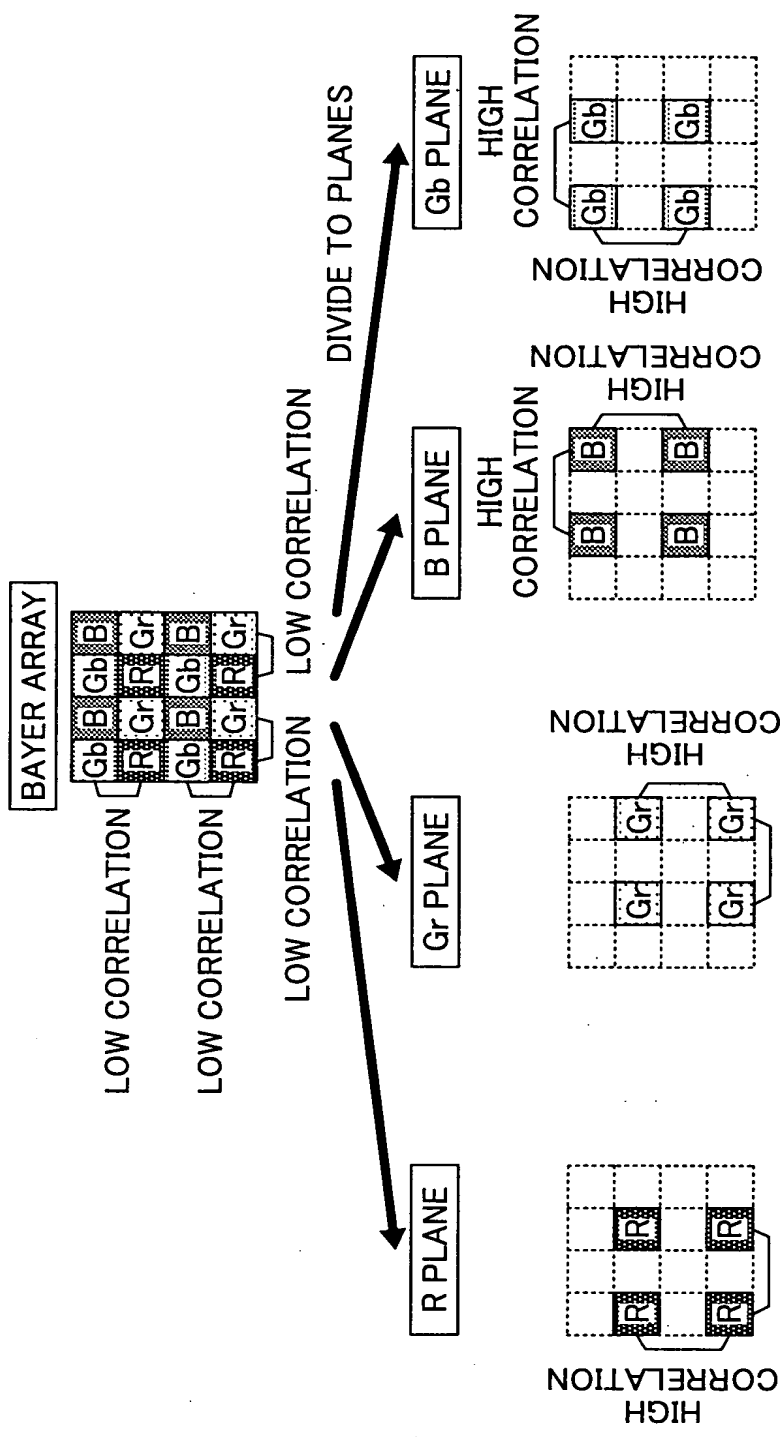


FIG.2B

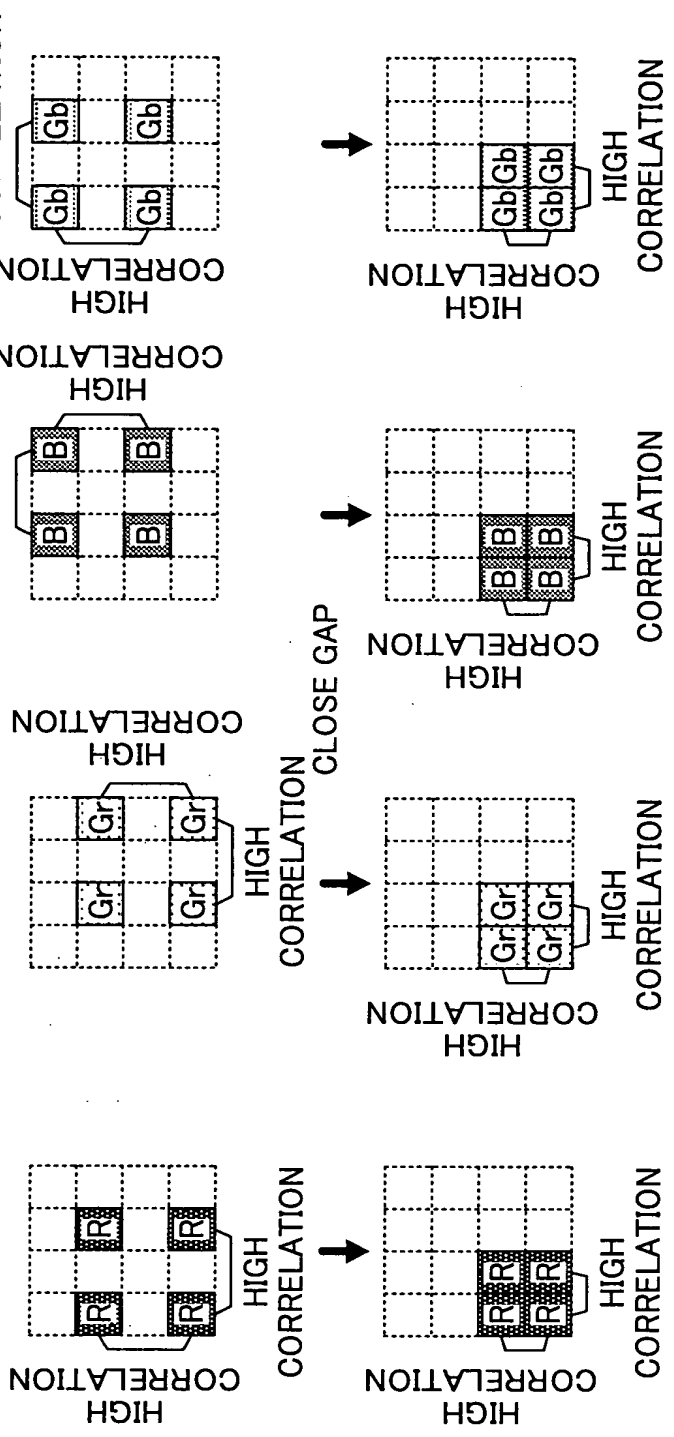
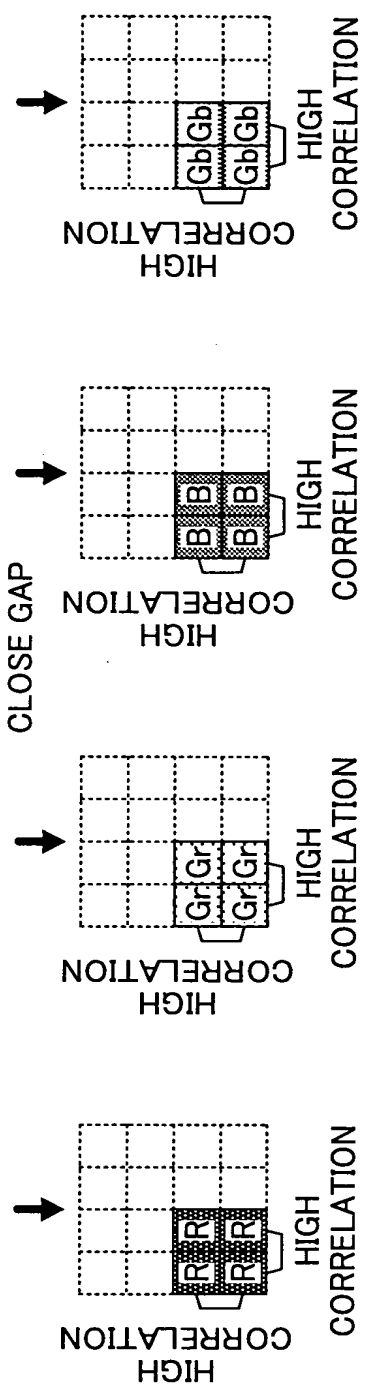


FIG.2C



The diagram illustrates the division of an oblique array into two planes, G and B, based on correlation characteristics.

**Oblique Array:** The initial array is labeled "OBlique ARRAY". It consists of a grid of circles, some labeled 'G' and some labeled 'B'. The array is characterized by "LOW CORRELATION" both horizontally and vertically, as indicated by the labels and brackets.

**Division into Planes:** The array is divided into two planes, labeled "G PLANE" and "B PLANE", with arrows indicating the direction of division. The overall correlation is labeled "LOW CORRELATION" and "LOW CORRELATION" for the division process.

**G Plane:** The G plane shows a grid of circles, all labeled 'G'. It is characterized by "HIGH CORRELATION" within rows (indicated by a bracket) and "LOW CORRELATION" between rows (indicated by a bracket).

**B Plane:** The B plane shows a grid of circles, all labeled 'B'. It is characterized by "HIGH CORRELATION" within columns (indicated by a bracket) and "LOW CORRELATION" between columns (indicated by a bracket).

Figure 1 consists of three schematic diagrams of a 2D hexagonal lattice, each labeled with a plane type and its correlation characteristics.

- G PLANE:** The top diagram shows a hexagonal lattice where all sites are occupied by particles labeled 'G'. A bracket on the left indicates 'HIGH CORRELATION'. A bracket on the right indicates 'HIGH CORRELATION'.
- R PLANE:** The middle diagram shows a hexagonal lattice where only the sites at the corners of the hexagons are occupied by particles labeled 'R'. A bracket on the left indicates 'R PLANE'. A bracket on the right indicates 'HIGH CORRELATION'.
- B PLANE:** The bottom diagram shows a hexagonal lattice where only the sites at the midpoints of the hexagons are occupied by particles labeled 'B'. A bracket on the left indicates 'B PLANE'. A bracket on the right indicates 'HIGH CORRELATION'.

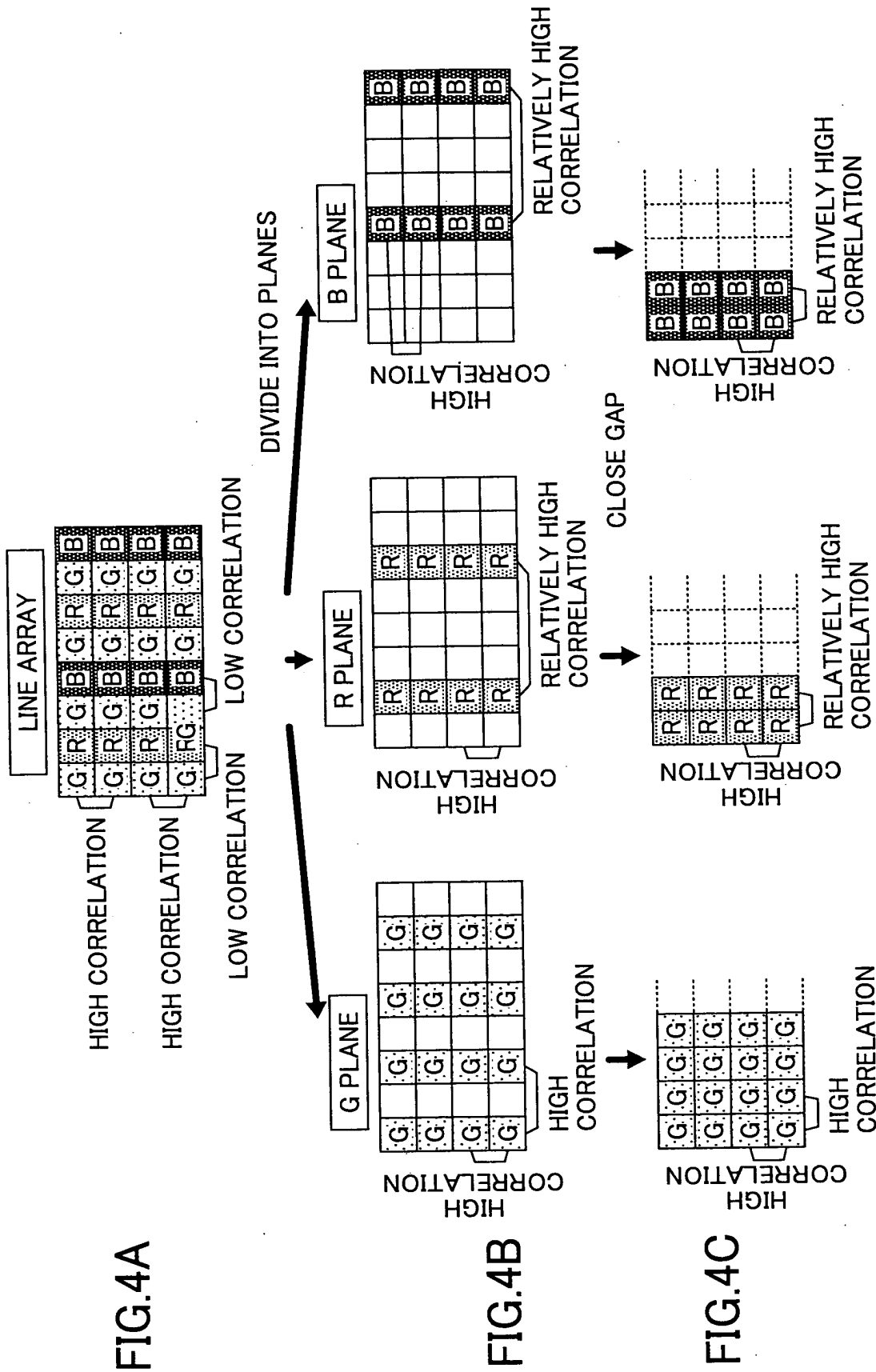


FIG.5

G	M	G	M
Y	C	Y	C
G	M	G	M
Y	C	Y	C

FIG.6

Y	M	C	G	Y	M	C	G
Y	M	C	G	Y	M	C	G
Y	M	C	G	Y	M	C	G
Y	M	C	G	Y	M	C	G

FIG.7

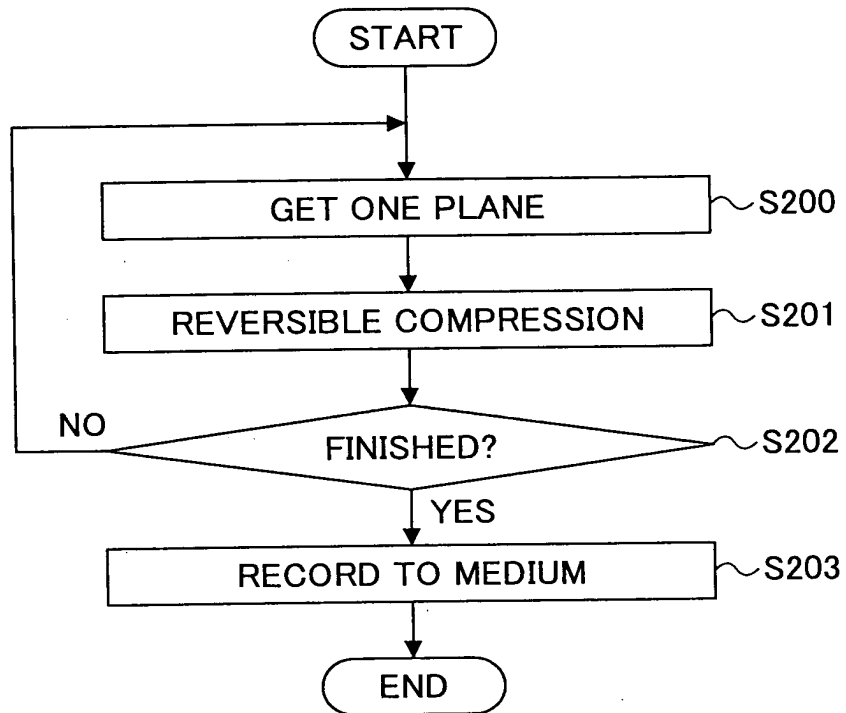


FIG.8

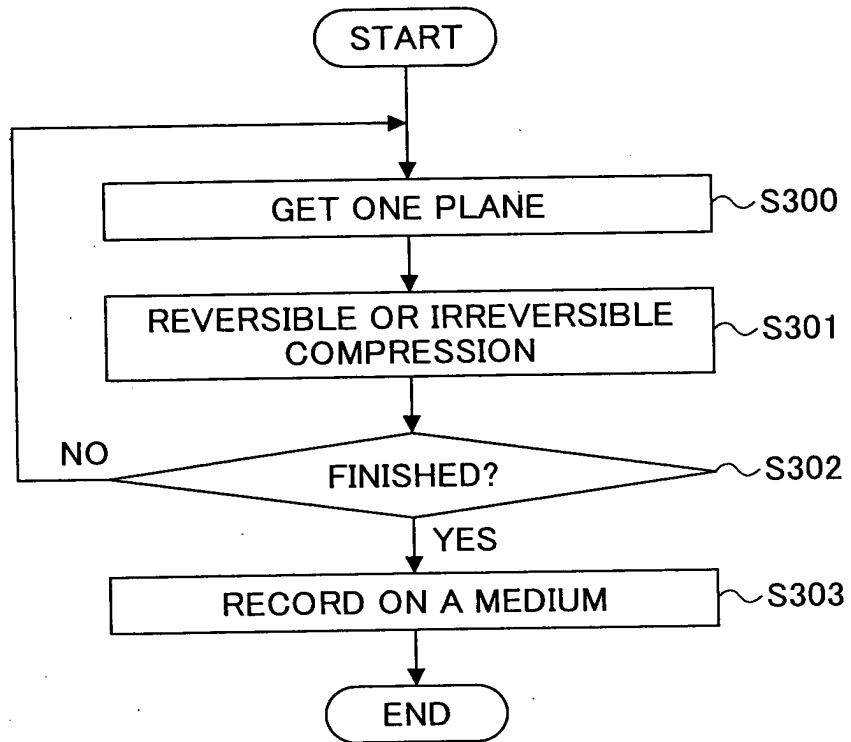


FIG.9

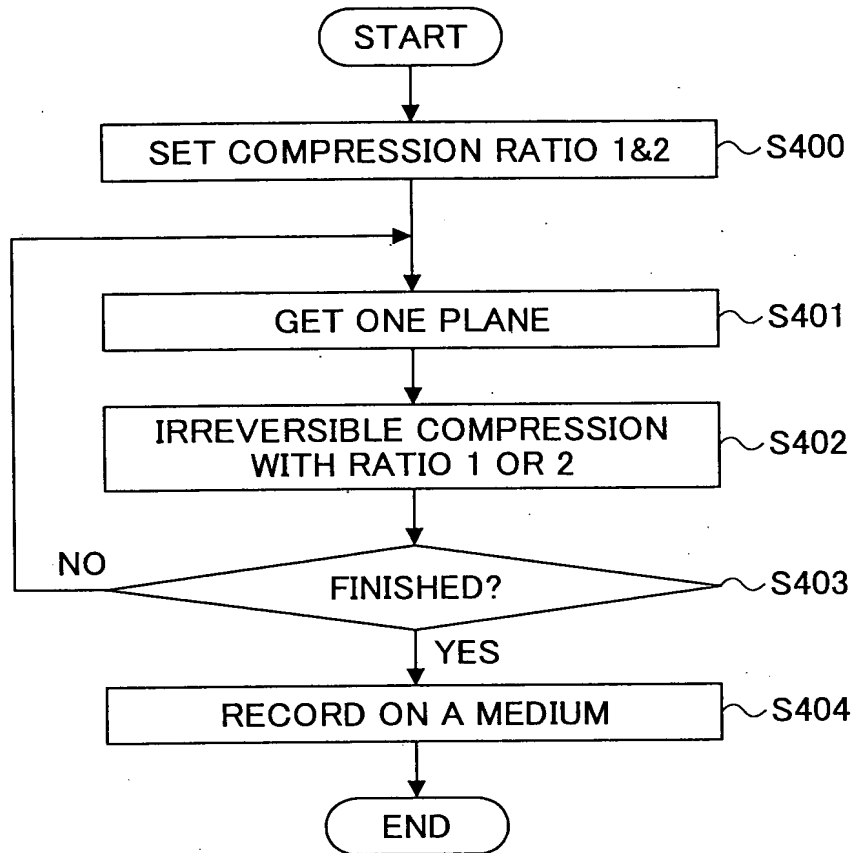


FIG.10

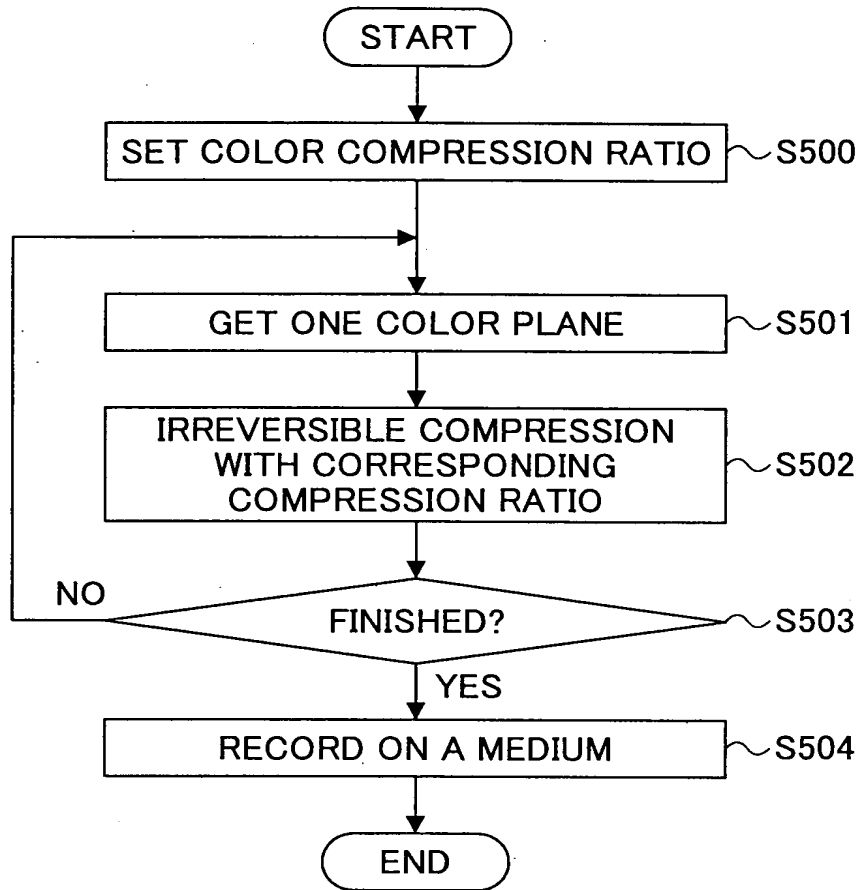


FIG.11

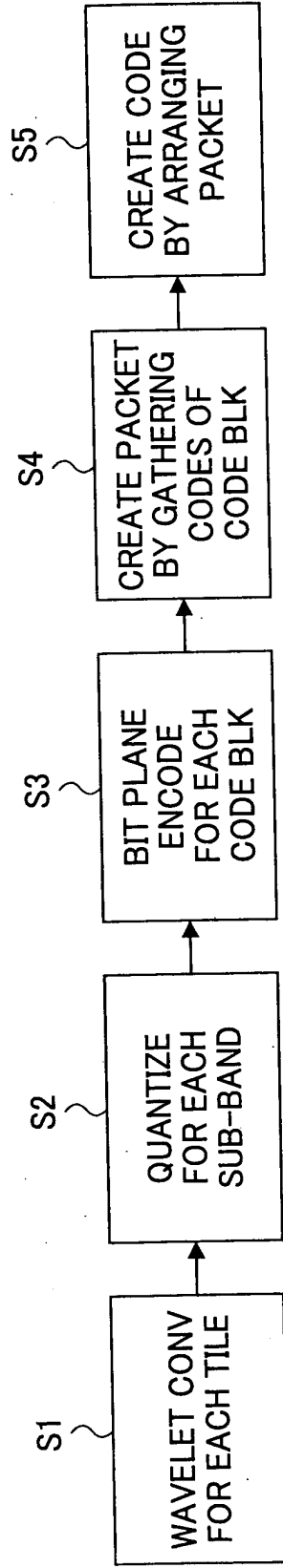
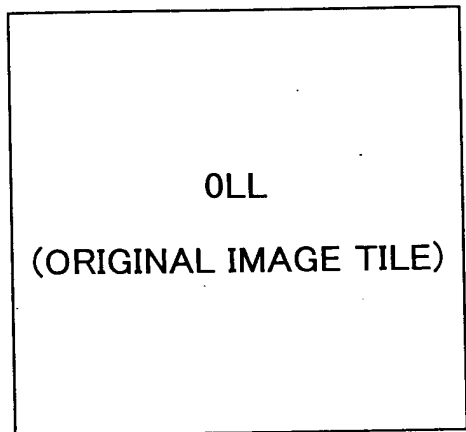
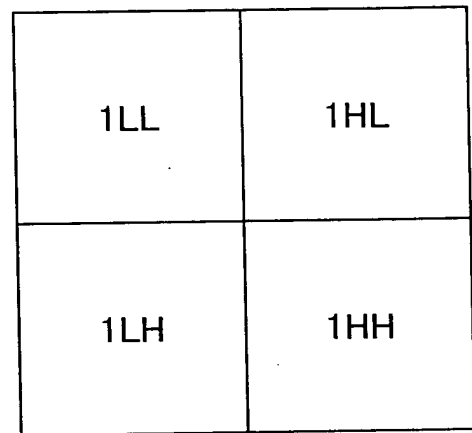


FIG.12A



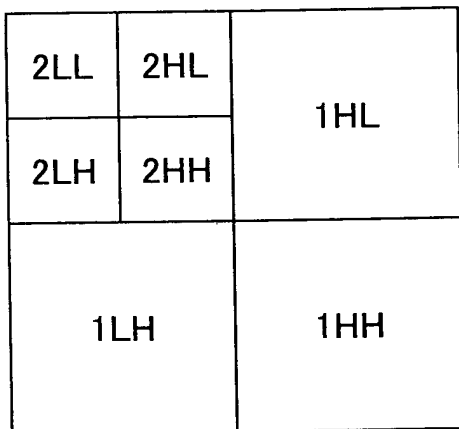
DECOMPOSITION LEVEL=0

FIG.12B



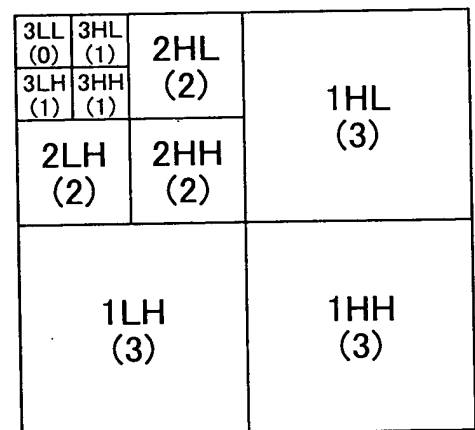
DECOMPOSITION LEVEL=1

FIG.12C



DECOMPOSITION LEVEL=2

FIG.12D



DECOMPOSITION LEVEL=3

# FIG.13

## CODE FORMAT GENETRAL SCHEMA

SOC	MAIN HEADER
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SOT	TILE HEADER	SOD		TITLE DATA	
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SOT	TILE HEADER	SOD		TITLE DATA			
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SOT	TILE HEADER	SOD		TITLE DATA		EOC
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FIG.14

